

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) An arrangement for mounting and fixing a rearview camera [(10)] to a structure element of a[(the)] body of a motor vehicle, the arrangement being of the type in which the rearview camera [(10)] is arranged at a[(the)] rear of the motor vehicle and an[(its)] optical axis [(C)] of the rearview camera extends substantially longitudinally towards the rear of the motor vehicle;
 the rearview camera [(10)] being arranged inside a housing [(12)] that is hermetically-sealed, and that is provided with a view window situated on the optical axis [(C)] of the rearview camera [(10)];
 said arrangement being characterized in that the window comprises ~~is constituted by~~ an opening in the housing [(12)] that is provided on the optical axis [(C)] of the rearview camera [(10)] and that is closed off by a transverse vertical pane [(18)] made of a transparent material.
2. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim 1~~, characterized in that the housing (12) ~~includes~~ comprises a frame [(20)] for supporting the transverse vertical pane [(18)] which defines a rear transverse vertical wall [(12)], and in that the transverse vertical pane [(18)] is pressed longitudinally towards the rear against a front transverse vertical face of the frame [(20)].
3. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim 2~~, characterized in that the frame [(20)] carries resilient elements [(26)] which are in contact with a[(the)] front transverse vertical face [(18a)] of the transverse vertical pane [(18)], for holding the transverse vertical pane [(18)] pressed against a[(the)] front face of the frame [(20)].
4. (Currently Amended) ~~The~~An arrangement according to claim 2 ~~or claim 3~~, characterized in that a[(the)] top face [(28s)] of a bottom transverse segment [(28)] of the frame [(20)] slopes downwards, from the bottom edge of the transverse vertical pane [(18)].
5. (Currently Amended) ~~The~~An arrangement according to ~~any one of claim[s] 2 to 4~~, characterized in that the housing [(12)] carries spray means [(30)] for spraying cleaning

liquid for cleaning an[[the]] outside transverse vertical face of the transverse vertical pane[[(18)]]].

6. (Currently Amended) The~~An~~ arrangement according to ~~the preceding~~ claim 5, characterized in that the spray means [[(30)]]are formed integrally with the housing[[(12)]]].
7. (Currently Amended) The~~An~~ arrangement according to ~~the preceding~~ claim 6, characterized in that the spray means [[(20)]]comprise a nozzle [[(34)]]that is fixed to a top horizontal wall of the housing[[(12)]]].
8. (Currently Amended) The~~An~~ arrangement according to ~~any preceding~~ claim 3, characterized in that an[[the]] inside vertical transverse face [[(18a)]]of the transverse vertical pane [[(18)]]is covered with a layer of heater material suitable for generating heat.
9. (Currently Amended) The~~An~~ arrangement according to ~~the preceding~~ claim 8, ~~taken in combination with the claim 3~~, characterized in that the resilient elements [[(26)]]are made of an electrically conductive material so as to connect the heater material electrically to an electrical current source.
10. (Currently Amended) The~~An~~ arrangement according to ~~the preceding~~ claim 9, characterized ~~in that it is further comprising~~provided with strips [[(36)]]of conductive material that extend longitudinally inside the housing [[(12)]]for electrically connecting the resilient elements [[(26)]]to a current source.
11. (Currently Amended) The~~An~~ arrangement according to ~~the preceding~~ claim 10, characterized in that each of the resilient elements [[(26)]]constitutes a rear end segment of a respective one of the strips of conductive material[[(36)]]].
12. (Currently Amended) The~~An~~ arrangement according to claim 10, characterized in that the resilient elements [[(26)]]are separate elements mounted on the rear ends [[(36b)]]of the strips of conductive material[[(36)]]].
13. (Currently Amended) The~~An~~ arrangement according to ~~the preceding~~ claim 12, characterized in that each of the resilient elements [[(26)]]is provided with a presser finger [[(42)]]for pressing against the front face [[(18a)]]of the transverse vertical pane[[(18)]]], which finger

is suitable for sliding inside a tubular element [[(44)]], and is held resiliently in abutment against the front face [[(18a)]] of the transverse vertical pane [[(18)]].

14. (Currently Amended) ~~The~~An arrangement according to ~~any one of claim~~[[s]] 10 ~~to~~ 13, characterized in that a ~~the~~ front longitudinal end [[(36a)]] of each of the strips of conductive material [[(36)]] extends inside a socket [[(42)]] that extends upwards relative to a top wall [[(14s)]] of the housing [[(12)]], and that is open at its rear end [[(42b)]] for receiving a complementary connector.
15. (Currently Amended) ~~The~~An arrangement according to claim 1, characterized in that the housing [[(12)]] is provided with a frame [[(20)]] for supporting the transverse vertical pane [[(18)]], which frame is overmolded around a ~~the~~ peripheral edge of the transverse vertical pane [[(18)]].
16. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim~~ 8, ~~taken in combination with claim 8,~~ characterized in that the housing is provided with a frame for supporting the transverse vertical pane, which frame is overmolded around a peripheral edge of the transverse vertical pane, and characterized in that the frame [[(20)]] and the transverse vertical pane [[(18)]] are fixed to the housing [[(12)]] by fixing means [[(56)]] which are suitable for electrically connecting the layer of heater material to a current source.
17. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim~~ 16, characterized in that the fixing means [[(56)]] comprise at least one clip [[(58)]] arranged at one edge ~~(18d, 18g)~~ of the transverse vertical pane, and a longitudinal fixing catch [[(60)]] that extends longitudinally forwards from the clip [[(58)]] and that is suitable for being received in a complementary recess [[(70)]] in the housing [[(12)]].
18. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim~~ 17, characterized in that the clip [[(58)]] is provided with at least one contact finger [[(68)]] for establishing contact with the layer of heater material.
19. (Currently Amended) ~~The~~An arrangement according to ~~any one of claim~~[[s]] 16 ~~to~~ 18, characterized in that the fixing means [[(56)]] are made in one piece by cutting out and folding a strip of electrically conductive material.

20. (Currently Amended) ~~The~~An arrangement according to claim 18 ~~or claim 19~~, characterized in that the clip ~~[(58)]~~ is provided with means ~~(64s, 64i)~~ for vertically positioning it relative to the transverse vertical pane ~~[(18)]~~.
21. (Currently Amended) ~~The~~An arrangement according to ~~any one of claim[s] 16 to 20~~, characterized in that the fixing means ~~[(56)]~~ are symmetrical about a horizontal midplane.
22. (Currently Amended) ~~The~~An arrangement according to ~~any one of claim[s] 17 to 19~~, characterized in that the frame ~~[(20)]~~ is overmolded around the clip ~~[(58)]~~ of each fixing means ~~[(56)]~~.
23. (Currently Amended) ~~The~~An arrangement according to ~~any preceding claim 1, of the type in which the~~ further comprising a structural vehicle-body element ~~[(48)]~~ having ~~[(s)]~~ a rear vertical wall ~~[(48a)]~~ and a bottom horizontal wall ~~[(48i)]~~ which extends longitudinally forwards from a ~~the~~ bottom edge of the rear vertical wall ~~[(48a)]~~, and of the type in which a ~~the~~ body ~~[(12)]~~ of the housing passes through a complementary orifice in the bottom horizontal wall ~~[(48i)]~~ at least in part, said arrangement being characterized in that it is provided with means for deflecting water flowing over the rear wall ~~[(48a)]~~, substantially above the rearview camera ~~[(10)]~~.
24. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim 23~~, characterized in that the arrangement ~~[(it)]~~ is provided with a tongue ~~[(50)]~~ that extends vertically downwards from the bottom wall ~~[(48i)]~~, behind the rearview camera ~~[(10)]~~, and that has a free bottom end edge ~~[(50i)]~~ that is arched so as to at least partially re-direct, ~~at least in part,~~ the water flowing over the rear wall ~~[(48a)]~~.
25. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim 24~~, characterized in that the bottom edge ~~[(50i)]~~ of the tongue ~~[(50)]~~ is curved back towards the rear to form an arched lip ~~[(52)]~~.
26. (Currently Amended) ~~The~~An arrangement according to claim 23, characterized in that the rear vertical wall ~~[(48a)]~~ is provided with a projection ~~[(54)]~~ that projects towards the rear.

27. (Currently Amended) ~~The~~An arrangement according to ~~any preceding claim 1~~, characterized in that the housing [(12)] is made of a transparent material, and in that each ~~of its wall~~[[s]] of the housing other than the rear vertical transverse wall is covered with a layer of an opaque material.
28. (Currently Amended) ~~The~~An arrangement according to ~~any preceding claim 1~~, characterized in that the transverse vertical pane [(18)] is in the form of a disk that is coaxial with the optical axis [(C)] of the rearview camera [(10)], and in that a ~~the~~ peripheral edge [(18c)] of the transverse vertical pane [(18)] is provided with a thread [(38)] that cooperates with a complementary thread [(40)] in the frame [(20)] so as to close the opening in the housing [(12)] in waterproof manner and in removable manner.
29. (Currently Amended) ~~The~~An arrangement according to claim ~~1~~, ~~taken in combination with claim 8~~, further comprising ~~characterized in that it includes~~:
- at least one resilient electrical connection means ~~(100, 101)~~; and
 - conductive tracks ~~(107) provided in the housing (110) and~~ designed for electrically powering the layer [(106)] of heater material suitable for generating heat;
- the resilient electrical connection means ~~(100, 101)~~ being placed such as to generate electrical contact between said layer [(106)] and said tracks [(107)].
30. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim 29~~, characterized in that one resilient connection means [(100)] extends over a first side of the rear face [(18a)] of the transverse vertical pane [(18)] and another resilient connection means [(101)] extends over a second side of the face [(18a)] opposite from the first face.
31. (Currently Amended) ~~The~~An arrangement according to claim ~~29 or 30~~, characterized in that the arrangement[[it]] is provided with sealing means [(104)] whose rear portion is overmolded around a ~~the~~ peripheral edge of the resilient connection means ~~(100, 101)~~ and extends over a ~~the~~ periphery of the rear face [(18a)] of the transverse vertical pane [(18)].
32. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim 31~~, characterized in that the sealing means [(104)] are in the form of a non-conductive elastomer.

33. (Currently Amended) ~~The~~An arrangement according to claim 31-~~or~~32, characterized in that the sealing means further include a front portion connected to the rear portion via at least one bridge[[(109)]], the bridge being designed to be folded so that the rear portion and the front portion are placed respectively against the rear transverse face [[(18a)]]and against the front transverse face [[(18b)]]of the transverse vertical pane[[(18)]].
34. (Currently Amended) ~~The~~An arrangement according to ~~any one of claim~~[[s]] 29-~~to~~33, characterized in that the arrangement[[it]] is provided with a thermal protection component [[(105)]]for regulating the temperature of the layer[[(106)]].
35. (Currently Amended) ~~The~~An arrangement according to ~~the preceding claim~~ 34, characterized in that the thermal protection component [[(105)]]is electrically coupled between the resilient connection means (~~100, 101~~)and the conductive tracks[[(107)]].
36. (Currently Amended) ~~The~~An arrangement according to ~~any one of claim~~[[s]] 29-~~to~~35, characterized in that the resilient connection means (~~100, 101~~)are filled with electrically conductive particles.
37. (Currently Amended) ~~The~~An arrangement according to ~~any preceding claim~~ 29-~~to~~36, characterized in that the arrangement[[it]] is provided with a locking clip suitable for compressing the resilient connection means (~~100, 101~~)between the transverse vertical pane [[(18)]]and the conductive tracks[[(107)]].